

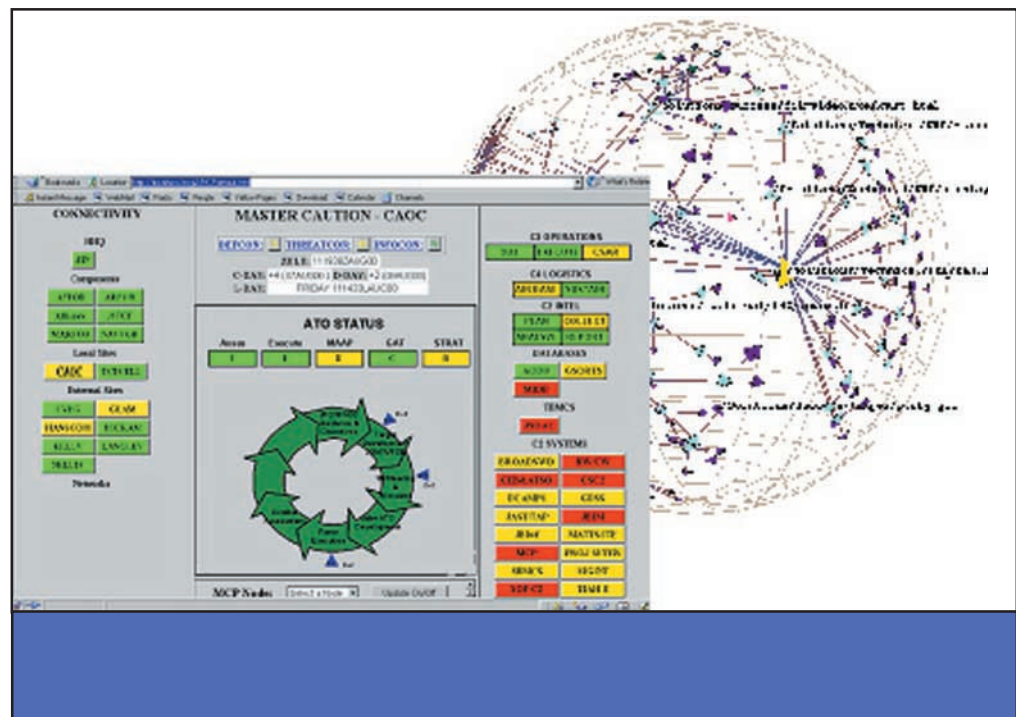


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Science and Technology for Tomorrow's Aerospace Forces

Success Story

CONFIGURABLE AEROSPACE COMMAND CENTER MASTER CAUTION PANEL SUPPORTS WARFIGHTER



Information Directorate engineers demonstrated the Configurable Aerospace Command Center (CACC) Master Caution Panel (MCP) during Joint Expeditionary Force Experiment (JEFX) 2000. JEFX 2000 is a major exercise used to expedite building the expeditionary Air Force for the 21st century. JEFX uses live fly and simulations to evaluate new operational concepts and emerging technologies. This exercise features a number of experiments focusing on agile combat support and time-critical targeting. The MCP met or exceeded all criteria during the Air Force Experimentation Office's evaluation.



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Accomplishment

Directorate engineers delivered and installed the new Java-based version of MCP at multiple sites. The demonstration included an automatic display of the health status of the JEFX networks using BBN Technologies' information management system and Hewlett-Packard OpenView, the network management system used by the JEFX Networks Operation Center.

Background

The directorate's Systems Concepts and Applications Branch, working closely with the Aerospace Command and Control Intelligence Surveillance and Reconnaissance Center (AC2ISRC), developed user interface modifications according to the Joint Battlespace Infosphere Management Process initiative. The Human Effectiveness Directorate's Crew System Interface Division performed task analysis of warfighter needs for the MCP. The operational experience and direction of the JEFX participants assisted the developers in building upon the delivered version of MCP, yielding a more robust capability to the warfighter.

Directorate engineers installed the new Java-based version at Hurlburt Field, Florida; Nellis AFB, Nevada; and Langley AFB, Virginia. Electronic Systems Command and the AC2ISRC upgraded the MCP program to a category 1 advanced technology demonstration.

Information
Support to the Warfighter

Additional information

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